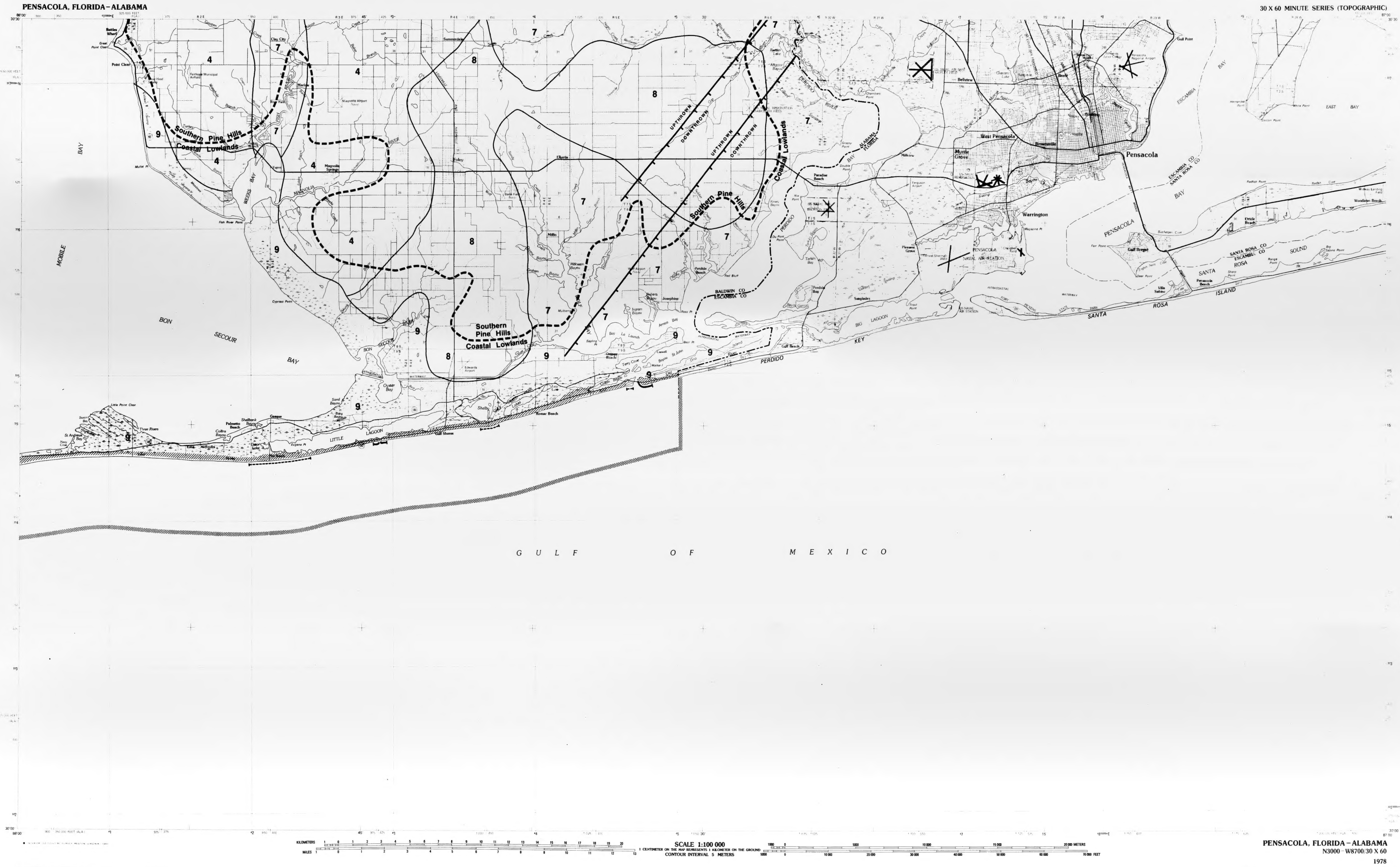
PENSACOLA.ECOLOGICAL ATLAS OF COASTAL ALABAMA.
SOILS AND LANDFORMS. . . FWS/OBS-82/46-MAP C6. . .
FISH AND WILDLIFE SERVICE.U.S.DEPARTMENT OF THE
INTERIOR. . . 1984

I 49.89:82/46/MAP C 6

1 OF 1
12.5X
SUPTDOCS/GPO
MAP C6

PENSACOLA, FLORIDA–ALABAMA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



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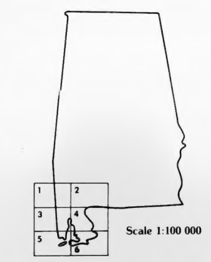
MMS 84-0052
FWS/OBS-82/46

MAP C6

Pensacola

ECOLOGICAL ATLAS OF COASTAL ALABAMA

SOILS AND LANDFORMS



ORIGINAL

TOPICAL MAPS IN THIS ATLAS:
A. BIOLOGICAL RESOURCES
B. SOCIOECONOMIC FEATURES
C. SOILS AND LANDFORMS
D. OIL, GAS AND MINERAL RESOURCES
E. HYDROLOGY AND CLIMATOLOGY

1984

Produced by U.S. Fish and Wildlife Service
and Minerals Management Service

Projection and 10,000 meter grid, zone 17 Universal Transverse Mercator
25,000-foot gridticks based on Alabama coordinate system, south zone

Overlay material compiled in 1983 from latest available data obtained from Federal, State and Local government agencies and other sources

▬	ACCRETION AREA active in 1982; historical trends mapped in narrative
┅	EROSION AREA active in 1982; historical trends mapped in narrative
▨	ACTIVE DUNES
	BARRIER ISLANDS AND SPIT SYSTEM
┬─┬	GEOLOGIC FAULT thrust of fault indicated, hatched on downthrown side
▬ ▬ ▬	REGIONAL SURFACE LAND FORMS Southern Pine Hills: moderately dissected, southward sloping plain with elevations to 100 feet Lowlands: flat to gently undulating plain with coastal, alluvial and deltaic plains subdivisions; elevation from mean sea level to 30 feet
░	STUDY AREA OFFSHORE BOUNDARY
─	SOIL ASSOCIATIONS
1	Dorovan-Levy-Iuka-Urbo level to gently sloping, deep, very poorly drained and moderately well drained soils of river flood plains formed in alluvial deposits and decayed organic matter
2	Annemaine-Wahee-Leaf nearly level to undulating, deep to moderately deep, poorly drained and moderately well drained soils on stream and marine terraces formed in clayey, loamy, or sandy sediments
3	Cowarts-Troup-Esto nearly level to steep, deep, and moderately well drained soils on upland slopes and ridges formed in clayey, loamy, or unconsolidated sandy sediments
4	Malbis-Bama-Lucedale level to strongly sloping, deep, moderately well drained to well drained soils on uplands formed in loamy marine or stream sediments
5	Cowarts-Notcher-Esto level to rolling, deep, moderately well drained to well drained soils on upland ridges and slopes formed in loamy or clayey marine sediments
6	Axis-Lafitte level, deep, very poorly drained soils of tidal marshes formed in loamy marine sediments and herbaceous plant remains on mineral sediments
7	Troup-Plummer level to steep, deep, poorly drained and well drained soils on uplands and drainage ways formed in sandy and loamy marine sediments
8	Poarch-Pactolus level to gently sloping, deep, somewhat poorly drained and well drained soils on terraces and uplands formed in sandy, loamy, and thick loamy sand marine and fluvial deposits
9	Fripp-Leon level to steep, deep, poorly drained and excessively drained soils of beaches and nearshore areas formed in thick sandy marine sediments
10	Troup-Heidel-Bama nearly level to undulating, deep, well drained soils on uplands formed in loamy marine sediments
11	Troup-Benndale-Smithton nearly level to hilly, deep, poorly drained and well drained soils on uplands formed in loamy marine and fluvial sediments
12	Dorovan-Johnston-Levy nearly level, deep, very poorly drained soils on bottom lands formed in thick deposits of organic residues and alluvial sediments
13	Izagora-Bethera-Suffolk nearly level to undulating, deep, poorly drained and well drained soils on terraces formed in loamy and clayey marine and alluvial sediments
14	Notcher-Saucier-Malbis nearly level to gently undulating, deep, moderately well drained soils on uplands formed in loamy and clayey marine sediments
15	Bayou-Escambia-Harleston nearly level to gently undulating, deep, poorly drained and moderately well drained soils on uplands and terraces formed in marine and fluvial sediments
16	Urban Land-Smithton-Benndale nearly level to gently rolling urban land areas intermingled with deep, poorly drained and well drained soils on uplands formed in loamy marine and fluvial sediments
17	Shubuta-Troup-Benndale gently undulating to rolling, deep, well drained soils on uplands formed in clayey and loamy marine sediments

THE COASTAL ALABAMA ECOLOGICAL ATLAS WAS PRODUCED BY THE U S FISH AND WILDLIFE SERVICE DIVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS TEAM (FWS NO 14-16-0009-81-062) AND THE MINERALS MANAGEMENT SERVICE FOR COASTAL PLANNERS, DECISION MAKERS, AND THE GENERAL PUBLIC TO DETERMINE AND EVALUATE CHANGES AND TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY. COASTAL ALABAMA IS DEFINED AS THE COMBINED BOUNDARIES OF MOBILE AND BALDWIN COUNTIES, ALABAMA INCLUSIVELY AND EXTENDS APPROXIMATELY 3 MILES OFFSHORE. THERE IS NO ATTEMPT, IN THE DESIGN OR PRODUCTS OF THIS STUDY, TO DEFINE THE LIMITS OF PROPRIETARY JURISDICTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENT OR TO ESTABLISH THE GEOGRAPHICAL SCOPE OF THE REGULATORY PROGRAMS OF GOVERNMENT AGENCIES

THIS MAP HAS BEEN COMPILED FROM A VARIETY OF SOURCE MATERIALS INCLUDING MAPS, AERIAL PHOTOGRAPHS, AND REPORTS. SINCE MANY SOURCES CONTAINED ONLY GENERALIZED LOCATONS OF RESOURCES AND OTHER MAPPED FEATURES, THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENTS OF DISTANCES OR AREAS

PRIMARY SOURCES OF MAPPED INFORMATION:

ACCRETION AREAS, EROSION AREAS AND ACTIVE DUNES: Aerial Photo Interpretation of February 1982 Flight. Research Planning Institute, Inc. 1975.

GEOLOGIC FAULTS AND REGIONAL SURFACE LANDFORMS: Geological Survey of Alabama

SOILS: U.S. Soil Conservation Service in Cooperation with Alabama Agricultural Experiment Station and Alabama Department of Agriculture and Industries 1980

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N3000–W8700/30 X 60
1978